

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: George P. Lomonosoff *et al.*

Serial No.: 09/304,967

Group No.: 1645

JAN 09 2001

Filed: 05/05/99

Examiner: P. Bui

Entitled: Modified Plant Viruses as Vectors of Heterologous Peptides

TECH CENTER 1600/2900

**AMENDMENT AND RESPONSE TO  
OFFICE ACTION MAILED DECEMBER 5, 2000**

Assistant Commissioner for Patents  
Washington, D.C. 20231



CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)(1)(i)(A)

I hereby certify that this correspondence (along with any referred to as being attached or enclosed) is, on the date shown below, being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Dated: Jan 2, 2001 By: Marilyn Moy  
Marilyn Moy

Sir:

In response to the Office Action mailed December 5, 2000, submitted herewith is a paper copy and a computer readable form of a substitute "Sequence Listing." This amendment now includes a sequence identifier for the sequence listed on page 30, line 12 of the specification. Please amend the above-identified application as follows.

In response to the communication from the Examiner which was received via facsimile on March 10, 2000, submitted herewith is a paper copy and a computer readable form of a substitute "Sequence Listing" which includes a more detailed description of the n's used in the Sequence Listing. The contents of the paper and computer readable copies are the same and include no new matter

**IN THE SPECIFICATION:**

On page 15, line 12, after "Figure 1", please insert -- SEQ ID NOS:1 and 2--.

On page 15, line 17, after "(A)", please insert -- SEQ ID NOS:3 to 5--.

On page 15, line 19, after "(B)", please insert -- SEQ ID NOS:6 and 7--.

On page 15, line 23, after "Figure 3", please insert -- SEQ ID NOS:8 to 10--.

On page 16, line 1, after "Figure 4", please insert -- SEQ ID NOS:11 to 13--.

On page 16, line 4, after "(A)", please insert -- SEQ ID NOS:14 to 16--.

On page 16, line 6, after "(B)", please insert -- SEQ ID NOS:17 and 18--.

On page 16, line 9, after "(A)", please insert -- SEQ ID NOS:19 to 21--.

On page 16, line 11, after "(B)", please insert -- SEQ ID NOS:22 and 23--.

On page 16, line 15, after "Figure 7", please insert -- SEQ ID NO:24 to 26--.

On page 16, line 18, after "Figure 8", please insert -- SEQ ID NOS:27 to 41--.

On page 16, line 23, after "160", please insert -- SEQ ID NO:33--.

On page 16, line 24, after "98", please insert -- SEQ ID NO:36--.

On page 16, line 24, after "752", please insert -- SEQ ID NO:39--.

On page 17, line 8, after "Figure 11", please insert -- SEQ ID NOS:42 to 58--.

On page 17, line 10, after "Figure 12", please insert -- SEQ ID NOS:59 to 61--.

On page 17, line 12, after "Figure 13", please insert -- SEQ ID NOS:62 to 80--.

On page 17, line 14, after "Figure 14", please insert -- SEQ ID NOS:81 and 82--.

On page 17, line 16, after "Figure 15", please insert -- SEQ ID NO:83--.

On page 17, line 18, after "Figure 16", please insert -- SEQ ID NO:84--.

On page 17, line 20, after "Figure 17", please insert -- SEQ ID NOS:85 TO 103--.

On page 17, line 22, after "Figure 18", please insert -- SEQ ID NOS:104 to 120--.

On page 30, line 12, after "GVTSAPDTRPAPGSTA" please insert -- SEQ ID NO:46--.

On page 38, line 2, after "DIDF)", please insert -- SEQ ID NO:121--.

On page 38, line 7, after "CCTTC", please insert -- SEQ ID NO:122--.

On page 38, line 8, after "GAATT", please insert -- SEQ ID NO:123--.

Please insert the attached Sequence Listing as new pages --48-71--.

**IN THE CLAIMS:**

Please renumber the Claims pages from pages "48-53" to --72-77--.

**IN THE ABSTRACT OF THE DISCLOSURE:**

Please renumber the Abstract page from page "54" to --78--.